

CAPS1 Rabbit Polyclonal Antibody

Catalog# UZ-PA02076

Product information

产品货号	UZ-PA02076
别名	CAPS;CAPS1;KIAA1121
产品名称	CAPS1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	CADPS
推荐应用	WB
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	8618
Human Swissprot No.	Q9ULU8
免疫原	Synthesized peptide derived from human CAPS1 AA range: 1275-1325
稀释度	WB 1:500-2000
参考分子量	149kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene encodes a novel neural/endocrine-specific cytosolic and peripheral membrane protein required for the Ca^{2+}-regulated exocytosis of secretory vesicles. The protein acts at a stage in exocytosis that follows ATP-dependent priming, which involves the essential synthesis of phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P₂). Alternative splicing has been observed at this locus and three variants, encoding distinct isoforms, are described. [provided by RefSeq, Aug 2008], Cell junction, synapse . Cytoplasmic vesicle, secretory vesicle, neuronal dense core vesicle membrane ; Peripheral membrane protein . Membrane-associated to vesicles. Strongly enriched in synaptic fractions. Preferentially binds to dense core vesicles but not to synaptic vesicles. Binds phosphoinositides, with a strong selectivity for PtdIns(4,5)P₂ over PtdIns(3,4,5)P₃. Probably localizes to different vesicles compared to CADPS2. .
细胞定位	
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal